

The resistance of friction to the relative motion of two solid objects is usually proportional to the force which presses the surfaces together as well as the [roughness of the surfaces](http://hyperphysics.phy-astr.gsu.edu/hbase/frict.html#rou). Frictional force is also presumed to be proportional to the [coefficient of friction](http://hyperphysics.phy-astr.gsu.edu/hbase/frict.html#coe), but the amount of force required for moving an object starting from its rest is usually greater than the force required to keep it moving at constant velocity once it is started.